

Technical data

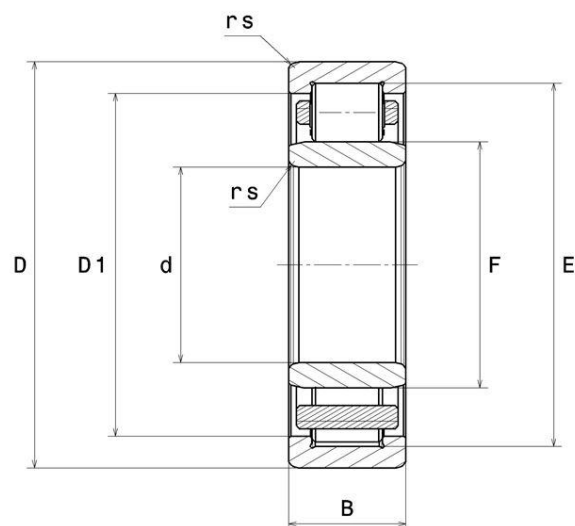
NU2311EAT2X

Single row cylindrical roller bearings

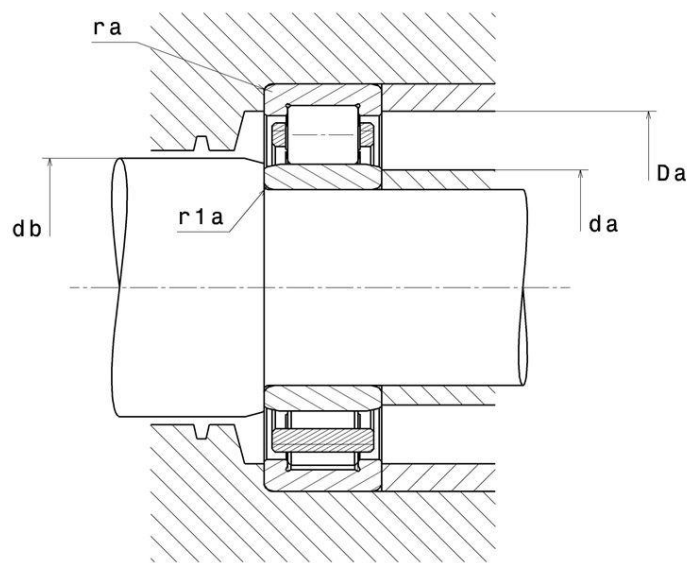


ULTAGE®

VISUAL (S)



NU2311EAT2X
Single row cylindrical roller bearings



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	55 mm
D - External diameter	120 mm
B - Bearing/Inner ring width	43 mm
E - Upper roller diameter	106,5 mm
F - Under roller diameter	70,5 mm
d1 - IR flange outer diameter	77,7 mm
rNs - Min fillet radius	2 mm
rs - Min fillet radius	2 mm
Radial clearance class	CN
Mass	2,25 kg

PRODUCT PERFORMANCE

C - Dynamic load	238000000 mN
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PRODUCT PERFORMANCE

C0 - Static load	233000000 mN
Cu - Fatigue limit load	28400000 mN
N lim - Oil lubrication limit speed	40200 °/s
N lim - Grease lubrication limit speed	28200 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	64 mm
db min - Min inner ring GO diameter	72 mm
Da max - Max shoulder diameter OR	111 mm
Db min - Small face shoulder min diameter	108,5 mm
ra max - Max fillet radius	2 mm
r1a - Max fillet radius	2 mm



INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$



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